

/ NUMBER OF SEQ ID NOS: 12
/ SOFTWARE: Patentin Ver. 2.0
/ SEQ ID NO 3
/ LENGTH: 6855
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ FEATURE:
/ NAME/KEY: CDS
/ LOCATION: (192)..(6755)
US-09-404-650-3

Query Match 18.8%; Score 31.6; DB 4; Length 6855;
Best Local Similarity 54.2%; Pred. No. 1.2;
Matches 64; Conservative 0; Mismatches 54; Indels 0; Gaps 0;

QY 14 CCGTGGGCAATTTCCCGGAGATGGCCCGGCGAGCTGTCTGAAGTCTGAGGAGCAT 73
DB 5751 CTTGCTGCTTTGGCGGCGAGGTGGGAGCTGTGGGCTCTGAGAGCTGAGGTGTCAC 5692
QY 74 TGACCATGCTCTCTGAGATGAGAGCTGTGACGAGTCTGTCTGAAGTCTGAGGAG 131
DB 5691 CCAGCAGATGACGAGGAGCTGTCTGAGTTCAGGAGAGAGGCTCCGTCTCAGCCAG 5634

RESULT 3
US-09-173-581-12
/ Sequence 12, Application US/09173581A
/ Patent No. 6013455
/ GENERAL INFORMATION:
/ APPLICANT: Bandman, Olga
/ APPLICANT: Tang, Y. Tom
/ APPLICANT: Hillman, Jennifer L.
/ APPLICANT: Yue, Henry
/ APPLICANT: Guegler, Karl J.
/ APPLICANT: Corley, Neil C.
/ APPLICANT: Azimzai, Yalda
/ APPLICANT: Lu, Aina
/ TITLE OF INVENTION: Protein Kinase Homologs
/ FILE REFERENCE: PF-0614 US
/ CURRENT APPLICATION NUMBER: US/09/173,581A
/ CURRENT FILING DATE: 1998-10-15
/ NUMBER OF SEQ ID NOS: 18
/ SOFTWARE: PERL Program
/ SEQ ID NO 12
/ LENGTH: 1574
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ FEATURE:
/ OTHER INFORMATION: 507669
US-09-173-581-12

Query Match 18.6%; Score 31.2; DB 3; Length 1574;
Best Local Similarity 50.0%; Pred. No. 1.2;
Matches 78; Conservative 0; Mismatches 78; Indels 0; Gaps 0;

QY 11 TGGCCCTGGGAGATTTCCCGGAGATGGCCCGGCGAGCTGTCTGAGAGTCTGAGGAGC 70
DB 295 TCGCTCTGACAGCTATGAGCCCTCTACACAGAGATTTGGCTTTGAGAGAGGGGAGAC 354
QY 71 CATTGACCATGCTCTCTGAGATGAGAGCTGTGACGAGTCTGTCTGAAGTCTGAGCA 130
DB 355 AGCTCCGATCTGAGAGAGAGCGGCGAGGTGTGAGAGGCGCAGATCCCTGACACGGGCC 414
QY 131 GAGAGTATTAACATCCCGGAGGCTGACAGGCTGAGGAGGAGGAGGAGGAGGAGGAG 166
DB 415 AGGAGAGCTTATCCCTTCAATTTTGTGGCCAAAG 450

RESULT 4
US-09-420-915-12
/ Sequence 12, Application US/09420915
/ Patent No. 6264947

/ GENERAL INFORMATION:
/ APPLICANT: Bandman, Olga
/ APPLICANT: Tang, Y. Tom
/ APPLICANT: Hillman, Jennifer L.
/ APPLICANT: Yue, Henry
/ APPLICANT: Guegler, Karl J.
/ APPLICANT: Corley, Neil C.
/ APPLICANT: Gorgone, Gina
/ APPLICANT: Azimzai, Yalda
/ APPLICANT: Lu, Aina
/ TITLE OF INVENTION: Protein Kinase Homologs
/ FILE REFERENCE: PF-0614 US
/ CURRENT APPLICATION NUMBER: US/09/420,915
/ CURRENT FILING DATE: 1999-10-20
/ EARLIER APPLICATION NUMBER: US 09/173,581
/ NUMBER OF SEQ ID NOS: 18
/ SOFTWARE: PERL Program
/ SEQ ID NO 12
/ LENGTH: 1574
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ FEATURE:
/ OTHER INFORMATION: 507669
US-09-420-915-12

Query Match 18.6%; Score 31.2; DB 4; Length 1574;
Best Local Similarity 50.0%; Pred. No. 1.2;
Matches 78; Conservative 0; Mismatches 78; Indels 0; Gaps 0;

QY 11 TGGCCCTGGGAGATTTCCCGGAGATGGCCCGGCGAGCTGTCTGAGAGTCTGAGGAGC 70
DB 295 TCGCTCTGACAGCTATGAGCCCTCTACACAGAGATTTGGGCTTTGAGAGAGGGGAGAC 354
QY 71 CATTGACCATGCTCTCTGAGATGAGAGCTGTGACGAGTCTGTCTGAAGTCTGAGCA 130
DB 355 AGCTCCGATCTGAGAGAGAGCGGCGAGGTGTGAGAGGCGCAGATCCCTGACACGGGCC 414
QY 131 GAGAGTATTAACATCCCGGAGGCTGACAGGCTGAGGAGGAGGAGGAGGAGGAGGAGGAG 166
DB 415 AGGAGAGCTTATCCCTTCAATTTTGTGGCCAAAG 450

RESULT 5
US-08-630-915A-191/C
/ Sequence 191, Application US/08630915A
/ Patent No. 6309820
/ GENERAL INFORMATION:
/ APPLICANT: SPARKS, Andrew B.
/ APPLICANT: HOFFMAN, No. 6309820h
/ APPLICANT: KAY, Brian K.
/ APPLICANT: FOWLES, Dana M.
/ APPLICANT: MCCONNELL, Stephen J.
/ TITLE OF INVENTION: POLYPEPTIDES HAVING A FUNCTIONAL
/ TITLE OF INVENTION: DOMAIN OF INTEREST AND METHODS OF IDENTIFYING AND
/ NUMBER OF SEQUENCES: 227
/ CORRESPONDENCE ADDRESS:
ADDRESSER: Pennie & Edmonds LLP
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/630,915A
FILING DATE: 03-APR-1996
CLASSIFICATION: 536

```

? ATTORNEY/AGENT INFORMATION:
? NAME: Mierock, S. Leslie
? REGISTRATION NUMBER: 18,872
? REFERENCE/DOCKET NUMBER: 1101-174
? TELECOMMUNICATION INFORMATION:
? TELEPHONE: (212) 790-9090
? TELEFAX: (212) 869-8864/9741
?
? TELEX: 66141 PENNIE
?
? INFORMATION FOR SEQ ID NO: 191:
?
? SEQUENCE CHARACTERISTICS:
?
? LENGTH: 1687 bases
? TYPE: nucleic acid
? STRANDEDNESS: single
? TOPOLOGY: unknown
?
? MOLECULE TYPE: DNA
?
? OS-08-630-915A-191

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LENGTH: 2757 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
US-08-691B-48

Query Match 17.9%; Score 30; DB 1; Length 2757;
Best Local Similarity 48.8%; Pred. No. 3.1;
Matches 81; Conservative 0; Mismatches 85; Indels 0; Gaps 0;

QY 1 GCCACAGCCGTCCTGGGCAATTCCTCCGCAAGTGGCCGCGCACTGTCTGAGA 60
DB 2319 GGCACAGCCAAAGCCGATGACTTTCGCGCCGCGCACTGTCTGAGA 2378
QY 61 CTCGGGAGCCATTGACATCTCTCTGAGAGTGAAGTGTGAGGCTGTCTGAA 120
DB 2379 GAGGTGACATCATCAAGATCTTAAACAAGAGGACAGCAAGCTGTGAGGGAG 2438
QY 121 GTCTCAGCAGAGATTAATCAATCCCGAGTCACGTGCGCAAG 166
DB 2439 ATCTATGCGCGGTTGGTGTCTCCGCACTACGTGAGGAAG 2484

RESULT 9

PCT-US93-06251-79
Sequence 79, Application PC/TUS9306251
GENERAL INFORMATION:
APPLICANT: Wickstrom, Eric and Rife, Jason P.
TITLE OF INVENTION: Trivalent Synthesis of Oligonucleotides Containing
NUMBER OF SEQUENCES: 93
CORRESPONDENCE ADDRESS:
ADDRESSEE: SCULLY, SCOTT, MURPHY & PRESSER
STREET: 400 Garden City Plaza
CITY: Garden City
STATE: NY
COUNTRY: USA
ZIP: 11530
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/06251
FILING DATE: 19930630
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Digiglio, Frank S.
REGISTRATION NUMBER: 31,346
REFERENCE/DOCKET NUMBER: 8586
TELECOMMUNICATION INFORMATION:
TELEPHONE: 516-742-4366
TELEFAX: 516-742-4366
TELEX: 230 901 SANS UR
INFORMATION FOR SEQ. ID NO.: 79:
SEQUENCE CHARACTERISTICS:
LENGTH: 2757 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
PCT-US93-06251-79

Query Match 17.9%; Score 30; DB 5; Length 2757;
Best Local Similarity 48.8%; Pred. No. 3.1;
Matches 81; Conservative 0; Mismatches 85; Indels 0; Gaps 0;

QY 1 GCCACAGCCGTCCTGGGCAATTCCTCCGCAAGTGGCCGCGCACTGTCTGAGA 60
DB 2319 GGCACAGCCAAAGCCGATGACTTTCGCGCCGCGCACTGTCTGAGA 2378
QY 61 CTCGGGAGCCATTGACATCTCTCTGAGAGTGAAGTGTGAGGCTGTCTGAA 120

DB 2379 GAGGTGACATCATCAAGATCTTAAACAAGAGGACAGCAAGCTGTGAGGGAG 2438
QY 121 GTCTCAGCAGAGATTAATCAATCCCGAGTCACGTGCGCAAG 166
DB 2439 ATCTATGCGCGGTTGGTGTCTCCGCACTACGTGAGGAAG 2484

RESULT 10

US-08-455-543A-8/c
Sequence 8, Application US/08455543A
Patent No. 5792846
GENERAL INFORMATION:
APPLICANT: Harpold, Michael
APPLICANT: Ellis, Steven
APPLICANT: Williams, Mark
APPLICANT: Feldman, Daniel
APPLICANT: McCue, Ann
APPLICANT: Brenner, Robert
TITLE OF INVENTION: HUMAN CALCIUM CHANNEL COMPOSITIONS AND
NUMBER OF SEQUENCES: 57
CORRESPONDENCE ADDRESS:
ADDRESSEE: Brown, Martin, Hallier & McClain
STREET: 1660 Union Street
CITY: San Diego
STATE: California
COUNTRY: USA
ZIP: 92101-2926
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/455,543A
FILING DATE: May 31, 1995
APPLICATION NUMBER: 08/223,305
FILING DATE: April 4, 1994
APPLICATION NUMBER: 07/868,354
FILING DATE: April 10, 1992
APPLICATION NUMBER: US 07/745,206
FILING DATE: 15-AUG-1991
APPLICATION NUMBER: 07/620,250
FILING DATE: 30-NOV-1990
APPLICATION NUMBER: 07/482,384
FILING DATE: 20-FEB-1990
APPLICATION NUMBER: US 07/603,751
FILING DATE: 04-APR-1989
APPLICATION NUMBER: WO PCT/US89/01408
FILING DATE: 04-APR-1989
APPLICATION NUMBER: US 07/176,899
FILING DATE: 04-APR-1988
ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie L.
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362-52517
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619)238-0999
TELEFAX: (619)238-0062
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 7175 base pairs
TYPE: nucleic acid
STRANDEDNESS: double


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1      FILING DATE: 04-APR-1989
2      PRIOR APPLICATION DATA:
3      APPLICATION NUMBER: US 07/176,899
4      FILING DATE: 04-APR-1988
5      ATTORNEY/AGENT INFORMATION:
6      NAME: Seidman, Stephanie L.
7      REGISTRATION NUMBER: 33,779
8      REFERENCE/DOCKET NUMBER: 52516 (P519739)
9      TELECOMMUNICATION INFORMATION:
10     TELEPHONE: (619)238-0999
11     TELEFAX: (619)238-0062
12
13     INFORMATION FOR SEQ ID NO: 8:
14
15     SEQUENCE CHARACTERISTICS:
16
17     LENGTH: 7175 base pairs
18     TYPE: nucleic acid
19     STRANDEDNESS: double
20     TOPOLOGY: linear
21
22     MOLECULE TYPE: DNA (genomic)
23
24     FEATURE:
25
26     NAME/KEY: CDS
27     LOCATION: 144..6857
28
29     FEATURE:
30     NAME/KEY: 5'UTR
31     LOCATION: 1..143
32
33     FEATURE:
34     NAME/KEY: 3'UTR
35     LOCATION: 6855..7175
36
37     US-08-223-305C-8

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Query Match 17.7%; Score 29.8; DB 2; Length 7175;
 Best Local Similarity 54.0%; Pred. No. 4.4;
 Matches 61; Conservative 0; Mismatches 52; Indels 0; Gaps 0;

Oy	1	GCACAGCCCTGGCCCTCTGGGAGTTTCCCGAGAGTCCCGCCGAGCTGTGCTGAGA	60
Db	2906	GGCCCGGTGTGCTCCCGCCGCGCCCTCGGAGCGCTGAGCCCGCGCTCCGCGCC	2847
Oy	61	CTCGGGGAGCCATTGACATGCTCTTGAGATGAGACTGTGACGCTGCT	113
Db	2846	CTCCCGGGGGCCCCGCGGCTCTCTGTGCTGTGGAGTGGCGCCCGGCGCT	2794

US-RSULT 13
US-08-149-097D-8/c
Sequence 8, Application US/08149097D
Patent No. 5874236
GENERAL INFORMATION:
APPLICANT: Harpold, Michael
APPLICANT: Ellis, Steven
APPLICANT: Williams, Mark
APPLICANT: Feldman, Daniel
APPLICANT: McCue, Ann
APPLICANT: Brenner, Robert
TITLE OF INVENTION: HUMAN CALCIUM CHANNEL COMPOSITIONS AND
TITLE OF INVENTION: METHODS
NUMBER OF SEQUENCES: 40
CORRESPONDENCE ADDRESS:
ADDRESSEE: Brown, Martin, Haller & McClain
STREET: 1660 Union Street
CITY: San Diego
STATE: California
COUNTRY: USA
ZIP: 92101-2926
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/149,097D
FILING DATE: 05-NOV-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:

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1      APPLICATION NUMBER: 08/105,536
2      FILING DATE: 11-AUG-1993
3      PRIOR APPLICATION DATA:
4      APPLICATION NUMBER: WO PCT/US92/06903
5      FILING DATE: 14-AUG-1992
6      PRIOR APPLICATION DATA:
7      APPLICATION NUMBER: US 07/914,231
8      FILING DATE: 13-JUL-1992
9      PRIOR APPLICATION DATA:
10     APPLICATION NUMBER: US 07/868,354
11     FILING DATE: 10-APR-1992
12     PRIOR APPLICATION DATA:
13     APPLICATION NUMBER: US 07/745,206
14     FILING DATE: 15-AUG-1991
15     PRIOR APPLICATION DATA:
16     APPLICATION NUMBER: US 07/620,250
17     FILING DATE: 30-NOV-1990
18     PRIOR APPLICATION DATA:
19     APPLICATION NUMBER: US 07/482,384
20     FILING DATE: 20-FEB-1990
21     PRIOR APPLICATION DATA:
22     APPLICATION NUMBER: US 07/603,751
23     FILING DATE: 04-APR-1989
24     PRIOR APPLICATION DATA:
25     APPLICATION NUMBER: WO PCT/US89/01408
26     FILING DATE: 04-APR-1989
27     PRIOR APPLICATION DATA:
28     APPLICATION NUMBER: US 07/176,899
29     FILING DATE: 04-APR-1988
30     ATTORNEY/AGENT INFORMATION:
31     NAME: Seidman, Stephanie L.
32     REGISTRATION NUMBER: 33,779
33     REFERENCE/DOCKET NUMBER: 6362-55038
34     TELECOMMUNICATION INFORMATION:
35     TELEPHONE: (619) 238-0999
36     TELEFAX: (619) 238-0062
37     INFORMATION FOR SEQ ID NO: 8:
38     SEQUENCE CHARACTERISTICS:
39     LENGTH: 7175 base pairs
40     TYPE: nucleic acid
41     STRANDEDNESS: double
42     TOPOLOGY: linear
43     MOLECULE TYPE: DNA (genomic)
44     FEATURE:
45     NAME/KEY: CDS
46     LOCATION: 144..6857
47     FEATURE:
48     NAME/KEY: 5'UTR
49     LOCATION: 1..143
50     FEATURE:
51     NAME/KEY: 3'UTR
52     LOCATION: 6855..7175
53     US-08-149-097D-8

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Query Match	17.7%	Score 29.8	DB 2	Length 7175
Best Local Similarity	54.0%	Pred. NO. 4.4		
Matches	61	Conservative	0	Mismatches 52
				Indels 0
				Gaps

Oy	1	GGCAAGCCGTGGCCCTCGGGGAGTTTCCGGGAGTGGCCGGCCGAGCTGCGCTAAG	60
Db	2906	GGCGCGGTGTGCGCCGCGCGCCCTCGGGGCTGTGGGCTGTGGCCCGCTGCTCGCCGC	284

Oy	61	CTCGGGGAGCCATTGACCATGCTCTTGAGAGTGAAGCTGTGAGACGCTCT	113
Db	2846	CTTCGGGAGGCCCGCGGCGCTCTTGTGCTGTGAGCTGGGAGCGGCGCGGCGCGCT	2794

RESULT 14
US-08-949-386-8/c
; Sequence 8, Application US/08949386
; Patent No. 6090623
; GENERAL INFORMATION:
; APPLICANT: Harpold, Michael

APPLICANT: Ellis, Steven
APPLICANT: Williams, Mark
APPLICANT: McCue, Ann
APPLICANT: Gillespie, Allison
TITLE OF INVENTION: HUMAN CALCIUM CHANNEL COMPOSITIONS AND
METHODS
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
ADDRESSEE: Brown, Martin, Haller & McClain
STREET: 1660 Union Street
CITY: San Diego
STATE: California
COUNTRY: US
ZIP: 92101
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/949,386
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/290,012
FILING DATE: 11-AUG-1994
APPLICATION NUMBER: 08/149,097
FILING DATE: 5-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/105,536
FILING DATE: 11-AUG-1993
ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie L.
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 519808
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 238-0999
TELEFAX: (619) 238-0062
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 7175 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 144..6857
FEATURE:
NAME/KEY: 5'UTR
LOCATION: 1..143
FEATURE:
NAME/KEY: 3'UTR
LOCATION: 6855..7175
US-08-949-386-8

Query Match 17.7% Score 29.8; DB 3; Length 7175;
Best Local Similarity 54.0%; Pred. No. 4, 4; Indels 0; Gaps 0;
Matches 61; Conservative 0; Mismatches 52; Indels 0; Gaps 0;

Qy 1 GCCACAGCCGCTGGGAGATTTCCTCCGCGAGGTGGCCCGCGGAGCTGTGCTGAGA 60
Db 2906 GGGCCGGGTGGTGGCGGGCCCTCCGGGGCTGGGCGCTCGCGCGCTCGCGCGC 2847

Qy 61 CTCGGGAGGACCATTCATCTCTCTGAGAGTGAAGACTGTGAGAGGTGCT 113
Db 2846 CTCGGGGGGCGCCCGCGGCTCTTCTGTGTGCTGCGGTGCGGCGCGCGCGCT 2794

RESULT 15
US-08-450-562-8/c
Sequence 8, Application US/08450562
Patent No. 6096514

GENERAL INFORMATION:
APPLICANT: Harpold, Michael
APPLICANT: Ellis, Steven
APPLICANT: Williams, Mark
APPLICANT: McCue, Ann
APPLICANT: Gillespie, Allison
APPLICANT: Feldman, Daniel
APPLICANT: Brenner, Robert
TITLE OF INVENTION: HUMAN CALCIUM CHANNEL COMPOSITIONS AND
METHODS
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
ADDRESSEE: Brown, Martin, Haller & McClain
STREET: 1660 Union Street
CITY: San Diego
STATE: California
COUNTRY: US
ZIP: 92101
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/450,562
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/404,950
FILING DATE: 13-MAR-1995
APPLICATION NUMBER: 08/336,257
FILING DATE: 7-NOV-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/314,083
FILING DATE: 28-SEPT-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/311,363
FILING DATE: 23-SEPT-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/290,012
FILING DATE: 11-AUG-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/223,305
FILING DATE: 4-APR-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/193,078
FILING DATE: 07-FEB-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/149,097
FILING DATE: 5-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/105,536
FILING DATE: 11-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/914,231
FILING DATE: 13-JULY-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/866,354
FILING DATE: 10-APR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/06903
FILING DATE: 14-AUG-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/745,206
FILING DATE: 15-AUG-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/620,250
FILING DATE: 30-NOV-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/603,751
FILING DATE: 08-NOV-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/482,384

/ FILING DATE: 02-FEB-1990
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: PCT/US89/01408
/ FILING DATE: 04-APR-1989
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 07/176,899
/ FILING DATE: 04-APR-1988
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Seidman, Stephanie L.
/ REGISTRATION NUMBER: 33,779
/ REFERENCE/DOCKET NUMBER: 6362-519812
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (619) 238-0999
/ TELEFAX: (619) 238-0062
/ INFORMATION FOR SEQ ID NO: 8:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 7175 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: double
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA (genomic)
/ FEATURE:
/ NAME/KEY: CDS
/ LOCATION: 144..6857
/ FEATURE:
/ NAME/KEY: 5'UTR
/ LOCATION: 1..143
/ FEATURE:
/ NAME/KEY: 3'UTR
/ LOCATION: 6855..7175
/ US-08-450-562-8

Query Match 17.7%; Score 29.8; DB 3; Length 7175;
Best Local Similarity 54.0%; Pred.No. 4.4;
Matches 61; Conservative 0; Mismatches 52; Indels 0; Gaps 0;
OY 1 GCCACAGCCGTGGCCCTGGGAGATTTCGCGAGGTGGCCGCGGAGCTGTGCTGAGA 60
DB 2906 GCGCCGCTGTGTCGCCGCGCCCTGTGGGCTGTGGCTGTGGCTGTGGCTGTGGC 2847
OY 61 CTCGGGAGCCATTGACATGCTCTCTGAGAGATGAGAGACTGTGAGCGGTGCT 113
DB 2846 CTCGGGAGCCGCGCGGCTCTGTGCTGTGGCTGTGGCTGTGGCTGTGGCTGTGGC 2794

Search completed: March 30, 2003, 06:27:22
Job time : 16.1168 secs